

Serial No.: 10/521,125
Group Art Unit: 2686
Examiner: Ajibade Akonai Olumide

In the Claims:

1 - 15 (Canceled).

16 (Currently Amended). A method for transferring GSM-based information between a GSM communications system and a GSM/CDMA compatible mobile device via a CDMA interface, the method comprising:

establishing a CDMA channel between the mobile device and a switch, wherein the switch is accessible to the GSM network and adapted to send and receive both GSM and CDMA messages, and wherein the switch establishes the channel using a base station system application part and radio resource manager inherited from the CDMA interface;

receiving, via a mobility management agent inherited by the switch from the GSM system, GSM-based information from the GSM network;

inserting the information into a CDMA message; and

transferring the CDMA message to the mobile device via the CDMA interface, wherein the CDMA message is an “ADDS Deliver” message.

17 (Original). The method of claim 16 wherein establishing the CDMA channel occurs prior to authenticating the mobile device in the GSM network.

18 (Original). The method of claim 16 further comprising:

receiving CDMA information from the mobile device; and

converting the CDMA information into GSM information for compatibility with the GSM network.

19 (Original). The method of claim 16 wherein the CDMA message is an “ADDS Deliver” message, and wherein inserting the GSM information into the CDMA message includes identifying a predetermined field in the “ADDS Deliver,” wherein the predetermined field is used to store the GSM information.

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20. (Original). The method of claim 16 further comprising:
extracting the GSM information from the CDMA message; and
processing the extracted GSM information.

21 - 24 (Canceled).

25. (New) A system for enabling communication between a mobile device via a CDMA interface and a network which uses another telecommunication technology that is generally incompatible with the CDMA telecommunication technology, the system comprising:
a switch in communication with the network and adapted to send and receive both CDMA messages and another telecommunication technology messages; and
a base station system adapted for establishing communication with the mobile device over a CDMA radio interface; and
wherein the switch receives information from the another telecommunication technology network and inserts the information into a CDMA "ADDS Deliver" message; and
wherein the a CDMA "ADDS Deliver" message is provided to the mobile device by the base station system via the CDMA radio interface.

26. (New) The system of Claim 25 wherein the switch inserts the information into a predetermined field in the CDMA "ADDS Deliver" message.

27. (New) The system of Claim 25 wherein the switch is further adapted for receiving CDMA "ADDS Delivery" messages from the base station system and extracting any information which may be compatible with the another telecommunication technology.